UNITED STATES PATENT AND TRADEMARK OFFICE

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Barry W. Chapin, Esq.
Chapin & Huang, L.L.C.
Westborough Office Park
1700 West Park Drive
Westborough, MA 01581

EXAMINER
SALAD, ABDULLAHI ELMI

ART UNIT	PAPER NUMBER
2157	

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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/691,895	DODRILL ET AL.
	Examiner	Art Unit
	Salad E Abdullahi	2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on <u>19 July 2004</u>.

2a) ☐ This action is **FINAL.**   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-51* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-51* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some *   c)☐ None of:

    1.☐ Certified copies of the priority documents have been received.

    2.☐ Certified copies of the priority documents have been received in Application No. _____.

    3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

Response

1.   The amendment filed on 7/19/2004 has been received and made of

record.

2.   Applicant's argument with respect to claims 1-51 have been considered

but are moot in view of new grounds of rejection.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described
> as set forth in section 102 of this title, if the differences between the subject matter sought to
> be patented and the prior art are such that the subject matter as a whole would have been
> obvious at the time the invention was made to a person having ordinary skill in the art to which
> said subject matter pertains. Patentability shall not be negatived by the manner in which the
> invention was made.

This application currently names joint inventors. In considering

patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that

the subject matter of the various claims was commonly owned at the time any

inventions covered therein were made absent any evidence to the contrary.

Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor

and invention dates of each claim that was not commonly owned at the time a

later invention was made in order for the examiner to consider the applicability of

35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35

U.S.C. 103(a).

4.   Claims 1-9, 11-20 and 22-51 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Augustine et al., U.S. Patent No. 6,574,630 [hereinafter

Augustine] in view of Hemphill et al., U.S. Patent No. 6,167,448 [hereinafter

Hemphill].

As per claim 1, Augustine discloses a method in a notification server for

providing a notification of an occurrence of an event, the method comprising the

steps of:

- receiving an event notification string comprising event information that

  identifies at least one feature of the event (event manager 101 receiving

  event notifications with identification information), (see fig. 1, and col. 7,

  line 45 to col. 7, line 65);

- determining notification information that identifies a device to be notified of

  the occurrence of the event in response to receiving the event notification

  string (i.e. notification identifier or symbol) (col. 7, line 45 to col. 7, line 65);

  and

- providing an event notification to the device in response to determining the

  notification information (see col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

> receiving identification information that identifies an executable resource
>
> capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

In considering claim 2, Augustine et al., discloses a system, wherein the step of

receiving the event notification string comprises receiving a hypertext transport

protocol (HTTP) request comprising the event information and the identification

information (see col. 7, lines 56-65).

In considering claim 3, Augustine et al., discloses a system, wherein the step of

receiving the event notification string comprises receiving at least one of an event

type, an event value, an application session identifier, and a parameter (see col.

7, lines 56-65).

In considering claims 4, Augustine et al., discloses a system, wherein the step of

determining the notification information comprises accessing a database

comprising notification preferences of a user (accessing personalization

database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 5, Augustine et al., discloses a system, wherein the step of

determining the notification information comprises accessing a database

comprising notification preferences of a user (accessing personalization

database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 6, Augustine et al., discloses a system, wherein the step of

determining the notification information comprises accessing a database

comprising notification preferences of a user (accessing personalization

database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 7, Augustine et al., discloses a system, wherein the step of

determining the notification information comprises accessing a database

comprising notification preferences of a user (accessing personalization

database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 8, Augustine et al., discloses a system, wherein the step of

providing the event notification comprises notifying at least one preferred device

(personal computing device 105) identified by the notification preferences (see

col. 7, line 45 to col. 7, line 65).

In considering claim 9, Augustine et al., disclose a system, wherein the step of

receiving the event notification string comprises receiving an application session

identifier, and the step of determining the notification information comprises

accessing a application-state data record based on the application session

identifier (see col. 7, lines 6-56).

In considering claim 11, Augustine discloses a system, further comprising the

steps of:

providing an event identifier in response to receiving the event notification string

and determining the notification information (col. 7, line 45 to col. 7, line 65);

receiving a query request based on the event identifier that requests a status of

the event notification (col. 7, line 45 to col. 7, line 65); and

providing a response to the query request that indicates the status of the event

notification (col. 7, line 45 to col. 7, line 65).

As per claim 12, Augustine discloses a notification server (server 102) for

providing a notification of an occurrence of an event, the method comprising the

steps of:

- a network interface (see fig. 1);

- an executable resource (see scripting engine 102)

- receiving an event notification string comprising event information that

    identifies at least one feature of the event and identification information

    (event manager 101 receiving event notifications with identification

    information), (see fig. 1, and col. 7, line 45 to col. 7, line 65);

- determining notification information that identifies a device to be notified of

    the occurrence of the event in response to receiving the event notification

    string (i.e. notification identifier or symbol) (col. 7, line 45 to col. 7, line 65);

    and

- providing an event notification to the device in response to determining the notification information (see col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

receiving identification information that identifies an executable resource capable of processing the event

Hemphill discloses a management event notification system for notifying events to users or subscribers including receiving an event notification string which includes identification information that identifies an executable resource capable of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to incorporate the teaching of Hemphill such as receiving identification information that identifies an executable resource capable of processing the event information into the system of Augustine such that subscribers may be notified of events according to their respective preferences including subscriber device type, thus increasing the system flexibility for sending notifications to different types of notification devices.

In considering claim 13, Augustine et al.,discloses a system, wherein the step of receiving the event notification string comprises receiving a hypertext transport protocol (HTTP) request comprising the event information and the identification information (see col. 7, lines 56-65).

In considering claim 14, Augustine et al., discloses a system, wherein the step of receiving the event notification string comprises receiving at least one of an event type, an event value, an application session identifier, and a parameter (see col. 7, lines 56-65).

In considering claim 15, Augustine et al., discloses a system, wherein the step of determining the notification information comprises accessing a database comprising notification preferences of a user (accessing personalization database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 16 Augustine et al., discloses a system, wherein the step of determining the notification information comprises accessing a database comprising notification preferences of a user (accessing personalization database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 17, Augustine et al., discloses a system, wherein the step of determining the notification information comprises accessing a database comprising notification preferences of a user (accessing personalization database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 18, Augustine et al., discloses a system, wherein the step of determining the notification information comprises accessing a database

comprising notification preferences of a user (accessing personalization

database 165), (see fig. 2 and see col. 5, lines 56-65).

In considering claim 19, Augustine et al., discloses a system, wherein the step of

providing the event notification comprises notifying at least one preferred device

(personal computing device 105) identified by the notification preferences (see

col. 7, line 45 to col. 7, line 65).

In considering claim 20, Augustine et al., disclose a system, wherein the step of

receiving the event notification string comprises receiving an application session

identifier, and the step of determining the notification information comprises

accessing a application-state data record based on the application session

identifier (see col. 7, lines 6-56).

In considering claim 22, Augustine discloses a system, further comprising the

steps of:

providing an event identifier in response to receiving the event notification string

and determining the notification information (col. 7, line 45 to col. 7, line 65);

receiving a query request based on the event identifier that requests a status of

the event notification (col. 7, line 45 to col. 7, line 65); and

providing a response to the query request that indicates the status of the event

notification (col. 7, line 45 to col. 7, line 65).

As per claim 23, Augustine discloses a method in a notification server for

providing a notification of an occurrence of an event, the method comprising the

steps of:

- receiving an event notification string comprising event information that

  identifies at least one feature of the event and identification information

  that identifies an executable resource capable of processing the event

  information (event manager 101 receiving event notifications with

  identification information), (see fig. 1, and col. 7, line 45 to col. 7, line 65);

- determining notification information that identifies a device to be notified of

  the occurrence of the event in response to receiving the event notification

  string (i.e. notification identifier or symbol) (col. 7, line 45 to col. 7, line 65);

  and

- providing an event notification to the device in response to determining the

  notification information (see col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

  receiving identification information that identifies an executable resource

  capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

In considering claim 24, Augustine et al.,discloses a system, wherein the step of

receiving the event notification string comprises receiving a hypertext transport

protocol (HTTP) request comprising the event information and the identification

information (see col. 7, lines 56-65).

As to claim 25, Augustine discloses a computer program product that includes a

computer readable medium having instructions for providing a notification of an

occurrence of an event, such that the instructions when carried out by a

computer cause the computer to perform the steps of:

- receiving an event notification string comprising event information that

  identifies at least one feature of the event and identification information

  that identifies an executable resource capable of processing the event

  information (event manager 101 receiving event notifications with

  identification information), (see fig. 1, and col. 7, line 45 to col. 7, line 65);

- determining notification information that identifies a device to be notified of

  the occurrence of the event in response to receiving the event notification

      string (i.e. notification identifier or symbol) (col. 7, line 45 to col. 7, line 65);

      and

- providing an event notification to the device in response to determining the

      notification information (see col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

      receiving identification information that identifies an executable resource

      capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

As to claim 26, Augustine disclose the computer program product of claim 25,

wherein the step of receiving the event notification string comprises receiving a

hypertext transport protocol (HTTP) request comprising the event information

and the identification information (see col. 7, lines 56-65).

As to claim 27, Augustine discloses a method in a computer system for

requesting a notification of an occurrence of an event, the method comprising the

steps of:

- detecting the occurrence of the event (event manager 101 receiving event

  notifications with identification information), (see fig. 1, and col. 7, line 45

  to col. 7, line 65);

- generating an event notification string in response to detecting the

  occurrence of the event, the event notification string comprising event

  information that identifies at least one feature of the event (event manager

  101 receiving event notifications with identification information) (see fig. 1,

  and col. 7, line 45 to col. 7, line 65);and

- providing the event notification string to the notification server in response

  to generating the event notification string(see col. 7, line 45 to col. 7, line

  65).

Augustine is silent regarding:

receiving identification information that identifies an executable resource

capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

As to claim 28, Augustine discloses the method of claim 27, wherein the step of

generating the event notification string comprises generating a hypertext

transport protocol (HTTP) request comprising the event information and the

identification information (see col. 7, lines 56-65).

As to claim 29, Augustine discloses the method of claim 27, wherein the step of

generating the event notification string comprises referencing a uniform resource

locator (URL) comprising the event information, the identification information, and

an address of the notification server, and generating a hypertext transport

protocol (HTTP) request based on the URL (see col. 7, lines 7-30).

As to claim 30, Augustine discloses the method of claim 27, wherein the step of

generating the event notification string comprises generating at least one of an

event type, an event value, an application session identifier, and a parameter(see

col. 7, lines 56-65).

As to claim 31, Augustine discloses the method of claim 27, wherein the step of

generating the event notification string comprises generating an application

session identifier that corresponds to an application-state data record (see col. 7,

lines 56-65).

As to claim 32, Augustine discloses the method of claim 27, further comprising

the steps of:

receiving an event identifier in response to providing the event notification string

(col. 7, line 45 to col. 7, line 65);

providing a query request based on the event identifier that requests a status of

the notification (col. 7, line 45 to col. 7, line 65);and

receiving a response indicating the status of the notification (col. 7, line 45 to col.

7, line 65).

As to claim 33, Augustine discloses a computer system configured for requesting

a notification of an occurrence of an event, the computer system comprising:

a network interface(see fig.1); and

a first executable resource(see executable resource 102), wherein:

the first executable resource is configured to detect the occurrence of the event),

(see fig. 1, and col. 7, line 45 to col. 7, line 65);

the first executable resource is configured to generate an event notification string

in response to detecting the occurrence of the event, the event notification string

comprising event information that identifies at least one feature of the event),

(see col. 7, line 45 to col. 7, line 65); and

the network interface is configured to provide the event notification string to the

notification server) (col. 7, line 45 to col. 7, line 65);

Augustine is silent regarding:

> receiving identification information that identifies an executable resource
>
> capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

As to claim 34, Augustine discloses the computer system of claim 33, wherein

the event notification string is a hypertext transport protocol (HTTP) request

comprising the event information and the identification information (see col. Lines

45-64).

As to claim 35, Augustine discloses the computer system of claim 33, further

comprising a uniform resource locator (URL) comprising the event information,

the identification information, and an address of the notification server, and the

first executable resource generates a hypertext transport protocol (HTTP)

request based on the URL (see col. 7, lines 7-30).

As to 36, Augustine discloses the computer system of claim 33, wherein the

event notification string comprises at least one of an event type, an event value,

an application session identifier, and a parameter (see col. 7, lines 56-65).

As to claim 37, Augustine discloses the computer system of claim 33, wherein

the event notification string comprises an application session identifier that

corresponds to an application-state data record (see col. 7, lines 56-65).

As to claim 38, Augustine the computer system of claim 33, wherein: the network

interface receives an event identifier in response to the event notification string

(col. 7, line 45 to col. 7, line 65);

the first executable resource provides through the network interface a query

request based on the event identifier that requests a status of the notification

(col. 7, line 45 to col. 7, line 65); and

the network interface receives a response indicating the status of the notification

(col. 7, line 45 to col. 7, line 65).

As to claim 39, Augustine discloses a computer system configured for requesting

a notification of an occurrence of an event, the computer system comprising:

a network interface (see fig. 1); and

means for producing an event notification string (col. 7, line 45 to col. 7, line 65);

wherein:

the producing means is configured to detect the occurrence of the event col. 7,

line 45 to col. 7, line 65); the producing means is configured to generate an event

notification string in response to detecting the occurrence of the event, the event

notification string comprising event information that identifies at least one feature

of the event (col. 7, line 45 to col. 7, line 65); and

the network interface is configured to provide the event notification string to the

notification server (col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

> receiving identification information that identifies an executable resource
>
> capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

As to claim 40, Augustine discloses the computer system of claim 39, wherein

the event notification string is a hypertext transport protocol (HTTP) request

comprising the event information and the identification information (see col. Lines

45-64).

As to claim 41, Augustine discloses a computer program product that includes a

computer readable medium having instructions for requesting a notification of an

occurrence of an event, such that the instructions, when carried out by a

computer, cause the computer to perform the steps of:

detecting the occurrence of the event(event manager 101 receiving event

notifications with identification information), (see fig. 1, and col. 7, line 45 to col.

7, line 65);

generating an event notification string in response to detecting the occurrence of

the event, the event notification string comprising event information that identifies

at least one feature of the event(event manager 101 receiving event notifications

with identification information), (see fig. 1, and col. 7, line 45 to col. 7, line 65);

and

providing the event notification string to the notification server in response to

generating the event notification string(event manager 101 receiving event

notifications with identification information), (see col. 7, lines 11-65).

As to claim 42, Augustine discloses the computer program product of claim 41,

wherein the step of generating the event notification string comprises generating

a hypertext transport protocol (HTTP) request comprising the event information

and the identification information (see col. 7, lines 45-64).

As to claim 43, Augustine discloses a hypertext transport protocol (HTTP)

request suitable for use in requesting a notification of an occurrence of an event,

comprising:

event information that identifies at least one feature of the event(event manager

101 receiving event notifications with identification information), (see fig. 1, and

col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

        receiving identification information that identifies an executable resource

        capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

As to claim 44, Augustine discloses the hypertext transport protocol request of

claim 43, wherein the event information comprises at least one of an event type,

an event value, an application session identifier and a parameter (see col. 7,

lines 56-65).

As to claim 45, Augustine discloses the hypertext transport protocol request of

claim 43, wherein the event information comprises an application session

identifier that corresponds to an application-state data record(see col. 7, lines 56-

65).

As to claim 46, Augustine discloses a computer data propagated signal

embodied in a propagated propagation medium, having a packet of data

comprising a hypertext transport protocol (HTTP) request suitable for use in

requesting a notification of an occurrence of an event, the HTTP request

comprising:

event information that identifies at least one feature of the even (see fig. 1, and

col. 7, line 45 to col. 7, line 65).

Augustine is silent regarding:

> receiving identification information that identifies an executable resource
>
> capable of processing the event

Hemphill discloses a management event notification system for notifying events

to users or subscribers including receiving an event notification string which

includes identification information that identifies an executable resource capable

of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore,

it would have been obvious to one having ordinary skill in the art at the time of

the invention to incorporate the teaching of Hemphill such as receiving

identification information that identifies an executable resource capable of

processing the event information into the system of Augustine such that

subscribers may be notified of events according to their respective preferences

including subscriber device type, thus increasing the system flexibility for sending

notifications to different types of notification devices.

As to claim 47, Augustine disclose the computer data propagated signal of claim

46, wherein the event information comprises at least one of an event type, an

event value, an application session identifier, and a parameter(see col. 7, lines

56-65).

As to claim 48, Augustine discloses the computer data propagated signal of claim 46, wherein the event information comprises an application session identifier that corresponds to an application-state data record (see col. 7, lines 56-65).

As to claim 49, Augustine discloses a uniform resource locator (UIRL) suitable for use in requesting a notification of an occurrence of an even, the URL comprising: event information that identifies at least one feature of the event (see col. 7, line 45 to col. 7, line 65); and an address of the notification server (see col. 7, lines 7-30).

Augustine is silent regarding:

> receiving identification information that identifies an executable resource
> capable of processing the event

Hemphill discloses a management event notification system for notifying events to users or subscribers including receiving an event notification string which includes identification information that identifies an executable resource capable of processing the event information (see fig 3 and col. 10, lines 1-25). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to incorporate the teaching of Hemphill such as receiving identification information that identifies an executable resource capable of processing the event information into the system of Augustine such that subscribers may be notified of events according to their respective preferences including subscriber device type, thus increasing the system flexibility for sending notifications to different types of notification devices.

As to claim 50, Augustine discloses the uniform resource locator of claim 49,

wherein the event information comprises at least one of an event type, an event

value, an application session identifier, and a parameter(see col. 7, lines 56-65).

as to claim 51, Augustine discloses the uniform resource locator of claim 49,

wherein the event information comprises an application session identifier that

corresponds to an application-state data record(see col. 7, lines 56-65).

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or
> described as set forth in section 102 of this title, if the differences between the subject
> matter sought to be patented and the prior art are such that the subject matter as a whole
> would have been obvious at the time the invention was made to a person having ordinary
> skill in the art to which said subject matter pertains. Patentability shall not be negatived
> by the manner in which the invention was made.

6.   Claims 10 and 21 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Augustine and Hemphill as applied to claims 1 and 12 above,

and further in view of Nelson U. S. Patent No. 6,496,568[hereinafter Nelson].

As to claim 10, although Augustine and Hemphill disclose substantial features of

the claimed invention, as discussed above with respect to claim 1,

Augustine and Hemphill are silent regarding: the step of providing an event

notification to the device comprises providing the event notification based on an

application programming interface (API) to a service that provides

communication to an external resource.

Nelson, in an analogous art provides the step of providing the event notification

based on application programming interface (API) to a service that provides

communication to an external resource (i.e. providing event notification to a user

with a pager device (see fig. 1, paging interface 112, and col. 3, line 46 to col. 4,

line 45). Therefore, it would have been obvious to one having ordinary skill in the

at time of the invention presented with teaching of Augustine and Hemphill to

utilize the paging interface as taught by Nelson such that users ca be provided

for notification event in real-time basis.

    As to claim 21, although Augustine and Hemphill disclose substantial features

of the claimed invention, as discussed above with respect to claim 12,

Augustine and Hemphill are silent regarding: the step of providing an event

notification to the device comprises providing the event notification based on an

application programming interface (API) to a service that provides

communication to an external resource.

Nelson, in an analogous art provides the step of providing the event notification

based on application programming interface (API) to a service that provides

communication to an external resource (i.e. providing event notification to a user

with a pager device (see fig. 1, paging interface 112, and col. 3, line 46 to col. 4,

line 45). Therefore, it would have been obvious to one having ordinary skill in the

at time of the invention presented with teaching of Augustine to utilize the paging

interface as taught by Nelson such that users can be provided for notification

event in real-time basis.

CONCLUSION

7.   The prior art made of record and not relied upon is considered pertinent to

the applicant's disclosure.

8.   Any inquiry concerning this communication or earlier communications from

the examiner should be directed to Salad E Abdullahi whose telephone number

is 571-272-4009. The examiner can normally be reached on 8:30 - 5:00. If

attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone

number for the organization where this application or proceeding is assigned is

703-872-9306.

9.   Information regarding the status of an application may be obtained from

the Patent Application Information Retrieval (PAIR) system. Status information

for published applications may be obtained from either Private PAIR or Public

PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-

direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-

free).

Abdullahi Salad
Examiner Art Unit 2157
1/18/2005